

# Environmental Restoration Project



## Area of Concern (AOC) No. 1083: Building 6570 Septic System (TA-III)

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

Site History .....	1
Constituents of Concern.....	1
Current Hazards .....	1
Current Status of Work .....	1
Future Work Planned .....	2
Waste Volume Estimated/Generated .....	2

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### Site History

Historical SNL/NM Facilities Engineering drawings indicate that this system consisted of a septic tank and seepage pit located approximately 100 feet west of Building 6570, in TA-III. It is assumed that this septic system was abandoned in the early 1990s when the City of Albuquerque sanitary sewer system was extended into TA-III. No other historical research has been conducted for this site.

### Constituents of Concern

Constituents of concern for this site are unknown.

### Current Hazards

No known surface hazards have been identified. Environmental characterization has not been conducted at the site; therefore potential subsurface environmental hazards are unknown.

### Current Status of Work

Samples were collected from the septic tank in late 1990 or early 1991 for waste characterization purposes. No information has been found to indicate that the residual septic tank contents have been removed.

A field inspection at the site was conducted in September 1999 and the system was not located. Yellow metal protective posts at the location of the system indicated on engineering drawings were found, but no above-grade system components were identified. It was therefore unknown at

that time if this system was intact or still in existence. A backhoe was therefore used at the site in March 2002 to physically locate the unit within the yellow posts, and it was determined to consist of a 6-ft. by 6-ft gravel drywell.

To determine if environmental contamination is present beneath this system and in accordance with agreements reached with NMED personnel, additional sampling was conducted at this site. As shown on the site map, passive soil vapor samplers were installed at four locations around the drywell in April 2002 to detect the presence or absence of VOCs at the site. A single soil sample boring was also drilled directly beneath the drywell in August 2002. Soil samples collected from this boring were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), total cyanide, high explosive (HE) compounds, metals, and radionuclides.

## **Future Work Planned**

This site may be selected for deeper environmental characterization sampling if analytical results from the shallow sampling indicate potentially significant contamination at depth.

## **Waste Volume Estimated/Generated**

No environmental characterization or remediation waste has been generated at the site to date.

**Information for ER Site 1083 was last updated Jan 20, 2003.**